

Tennessee Job Outlook 1998 – 2008

Statewide

October 2000

Tennessee Department of Labor & Workforce Development
Employment Security Division
Research and Statistics Section

In Brief



Tennessee Job Outlook in Brief

Overview

There is a strong need for better educated and trained workers in Tennessee's marketplace. Continuing technological advances and competition with other states, as well as with foreign markets, are shaping Tennessee's labor market. *Tennessee Job Outlook in Brief* seeks to provide Tennesseans with information about which occupations will be most in demand in the future, along with training requirements and the average hourly pay of those jobs. As we continue to plan our careers it is important to know the direction of Tennessee's job growth and changes in future job requirements.

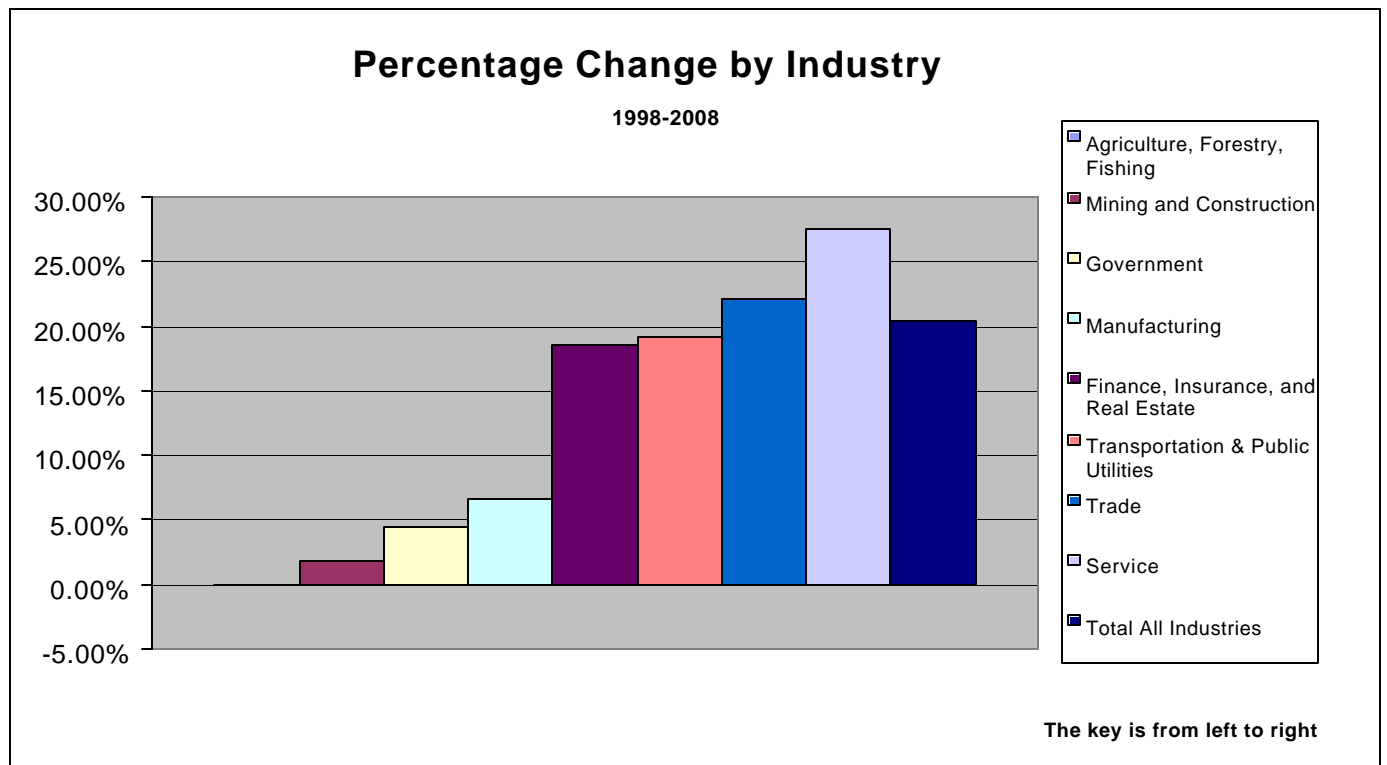
The annual employment growth rate during the 10-year period of 1998-2008 for Tennessee will average about 2.0 percent, slightly higher than the projected national rate of 1.4 percent during the same time period. By the year 2008, the Tennessee economy will generate nearly 576,480 new jobs. Overall, employment in the state will increase by 20.4 percent from the 1998 employment level of 2,826,810. The information contained in *Tennessee Job Outlook* will help employers and the Tennessee work force to prepare to meet the challenges of the 21st century.

The following charts and tables highlight key industries and occupations on the job scene in Tennessee over the next 10 years.

Industries

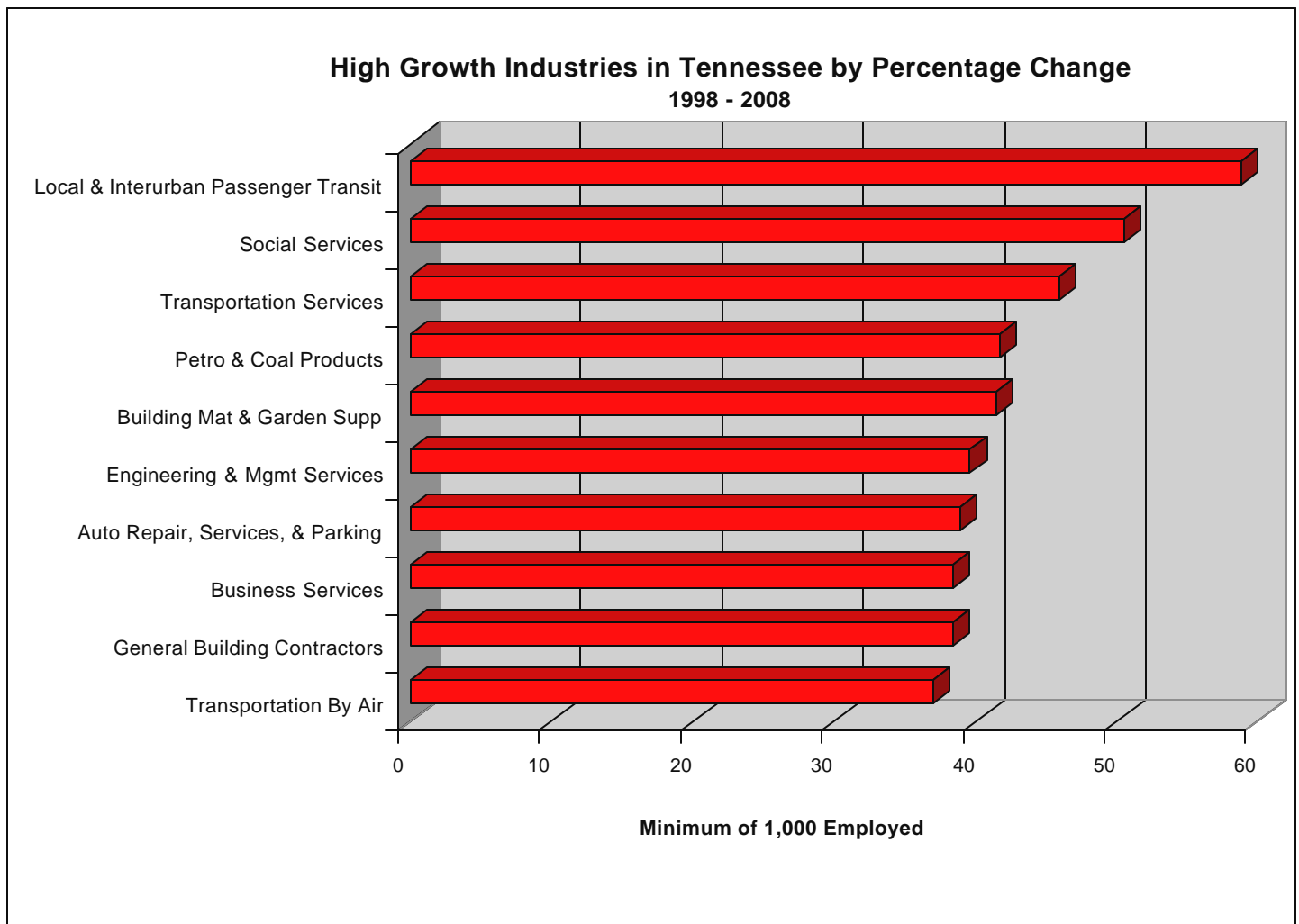
For the year 2008, it is projected that more than 78 percent of all employment and 88 percent of new jobs will be in the service-producing sectors of transportation, communication, and utilities; trade; finance, insurance, and real estate; services; and government. The remaining 22 percent of employment will be furnished by the goods-producing sectors of agriculture, mining, construction, and manufacturing. The current ratio of service sector employment to that of the goods-producing sector is more than 3 to 1. The industry divisions projected to grow the fastest are services; trade; and transportation, communications, and public utilities. These projections show the need for a diverse workforce with a wide range of skills, prepared to adapt to the changing employment needs in the state of Tennessee.

Percentage Change by Industry



Tennessee's growth is outpacing the nation's growth in the industry sectors of manufacturing; mining and construction; transportation and public utilities; trade; and finance, insurance and real estate. Tennessee is keeping pace with the national average in the service industry.

High Growth Industries

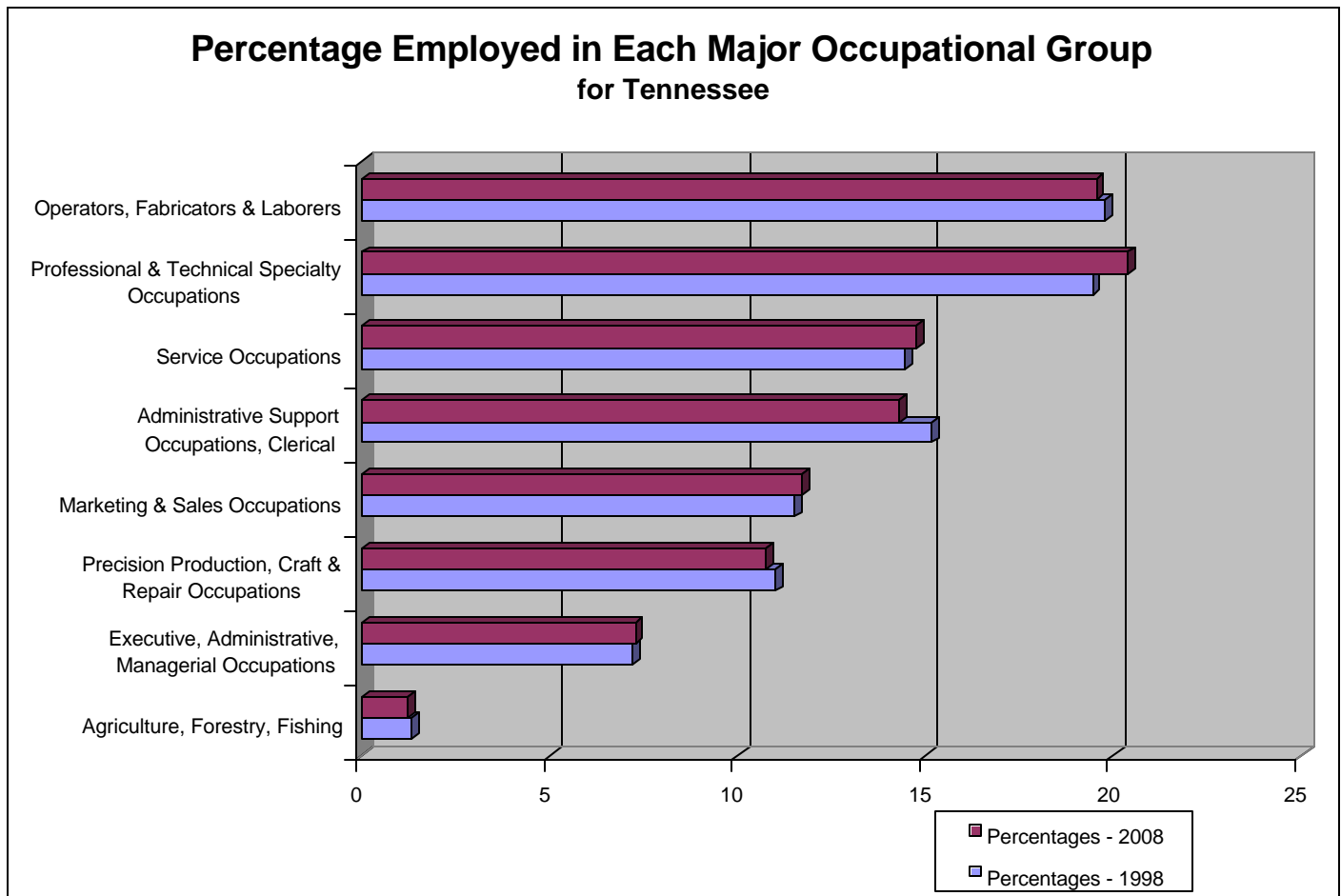


Tennessee's fastest growing industries are primarily in the service-producing sector – three in the transportation division, four in the services division, and one in retail trade.

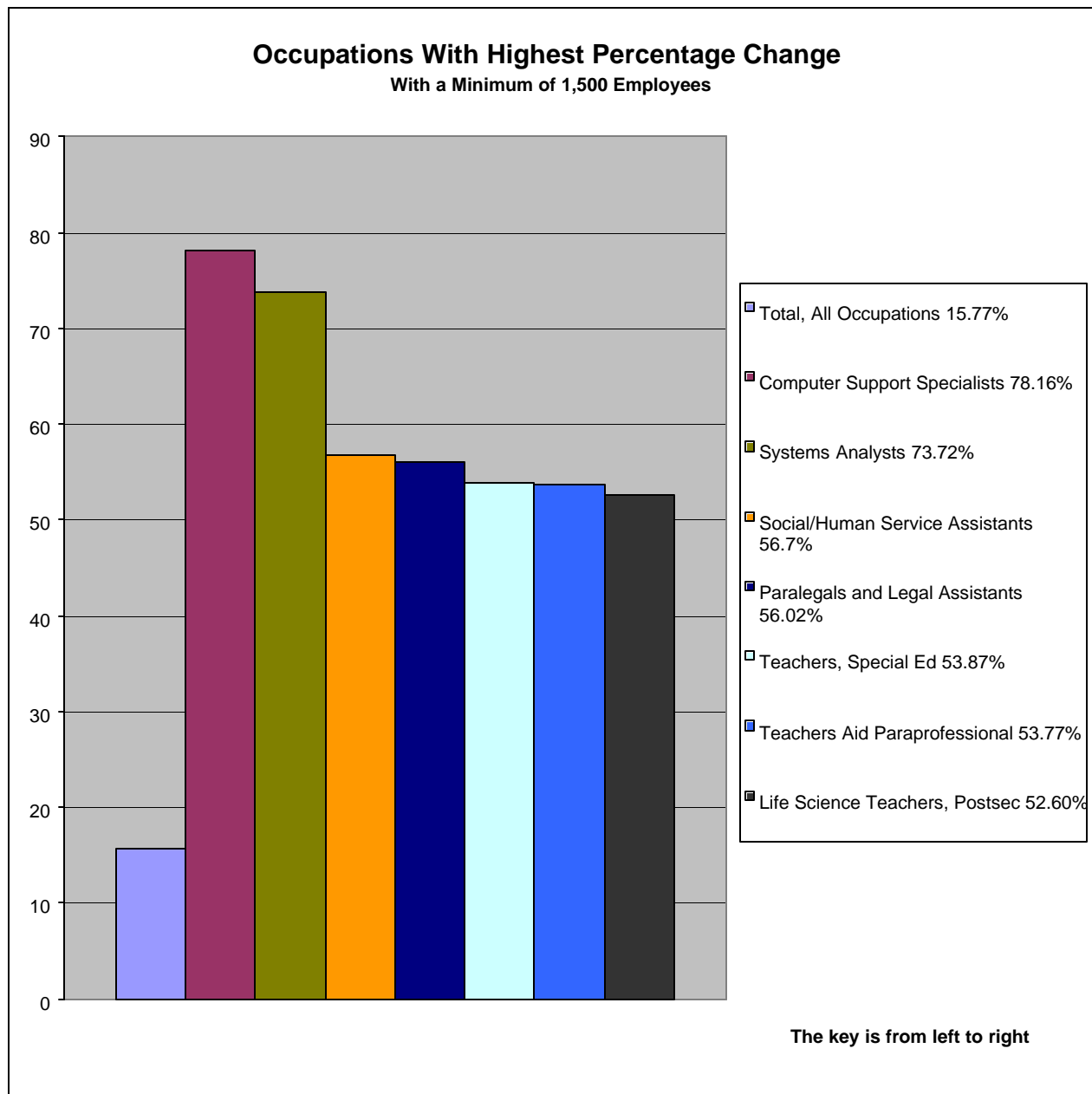
Occupations

Current data reveal strong annual growth of 2.2 to 2.6 percent in the areas of professional specialty, service, marketing & sales, and executive & managerial occupations. Professional specialty; operators, fabricators & laborers; and administrative support occupations will account for more than half of all employment, with the least of these comprising 15.2 percent of the labor market by 2008. The top five fastest growing individual occupations are computer support specialists, systems analysts, social and human services assistants, paralegal and legal assistants, and special education teachers, with professional and technical occupations the fastest growing category. These data indicate the need for a more highly trained and educated workforce.

Where the Jobs Are



Where the Jobs Are

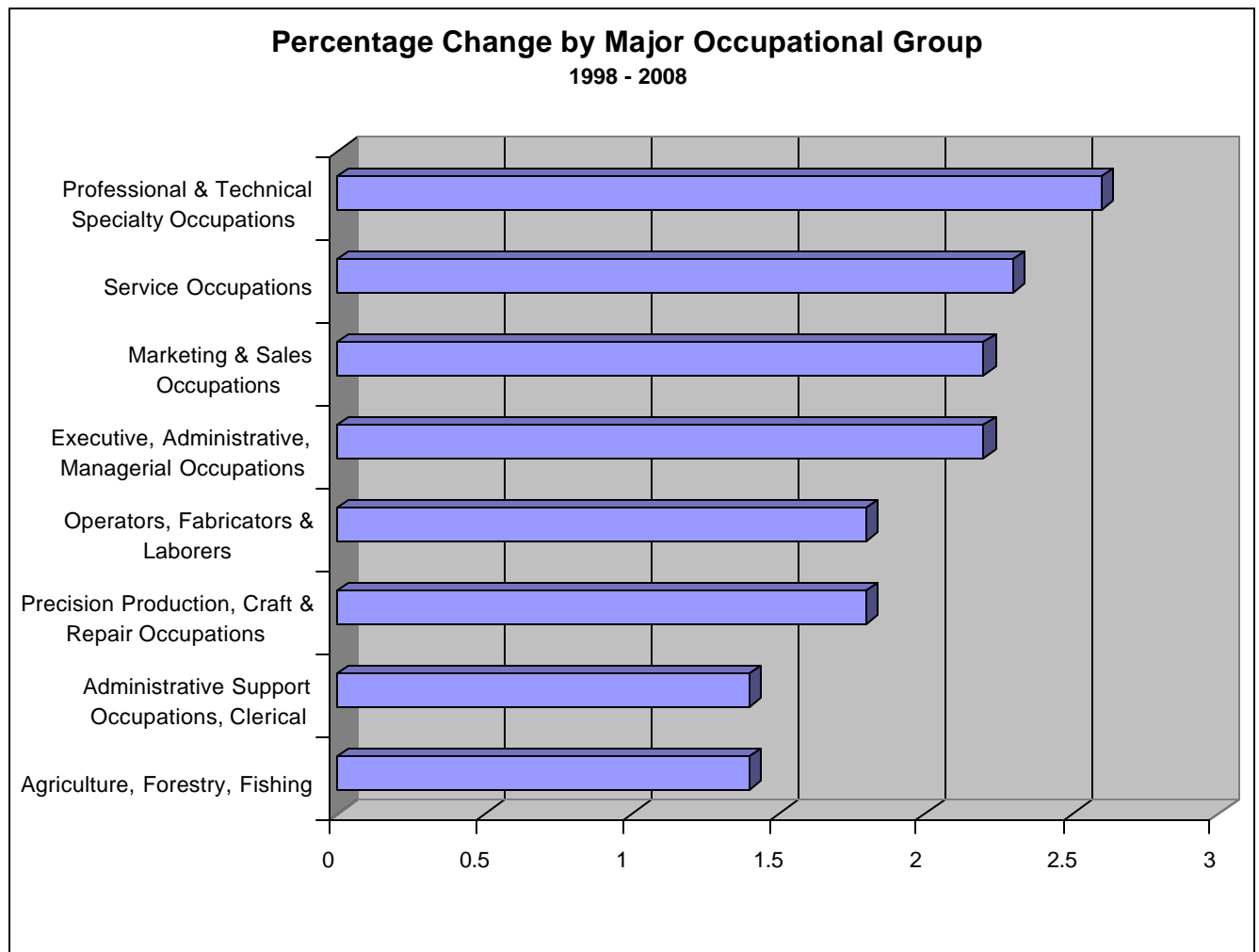


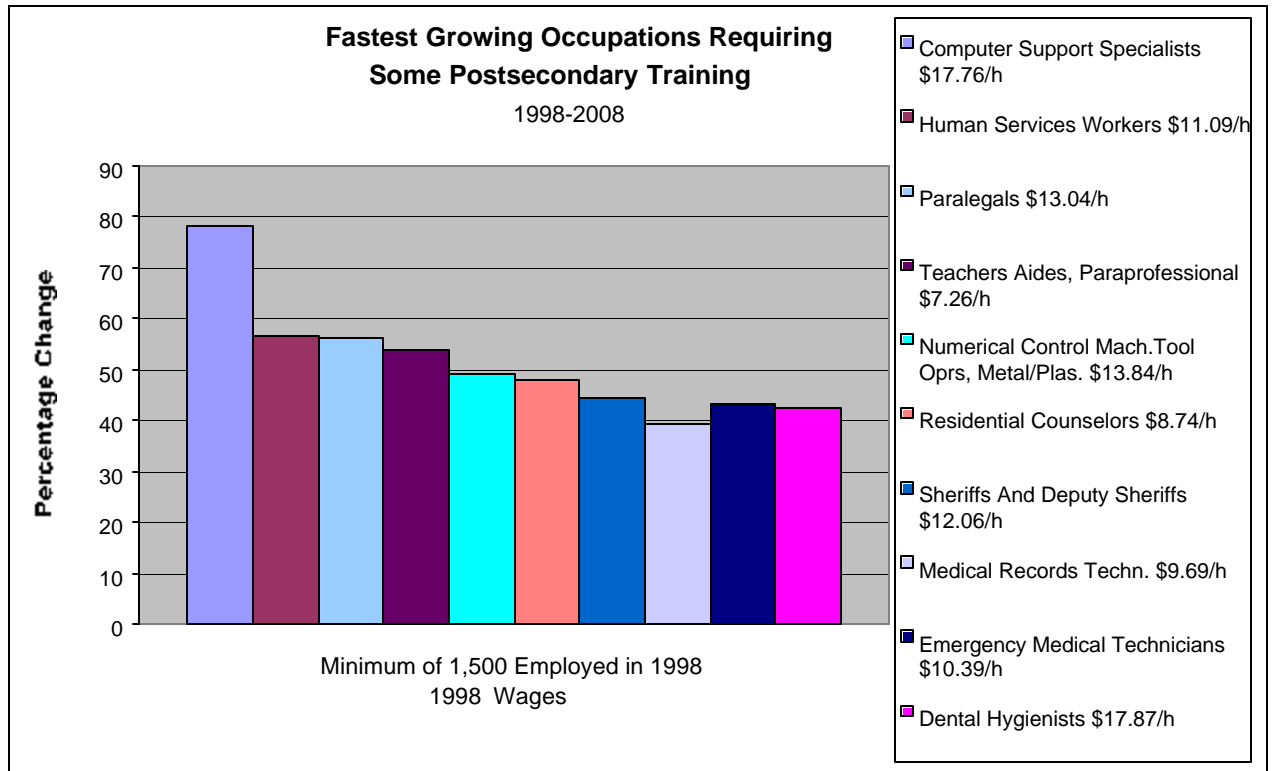
Tennessee's 10 fastest growing occupations are increasing at nearly the same rate as the top 10 nationally.

Percentage Change in each Major Group

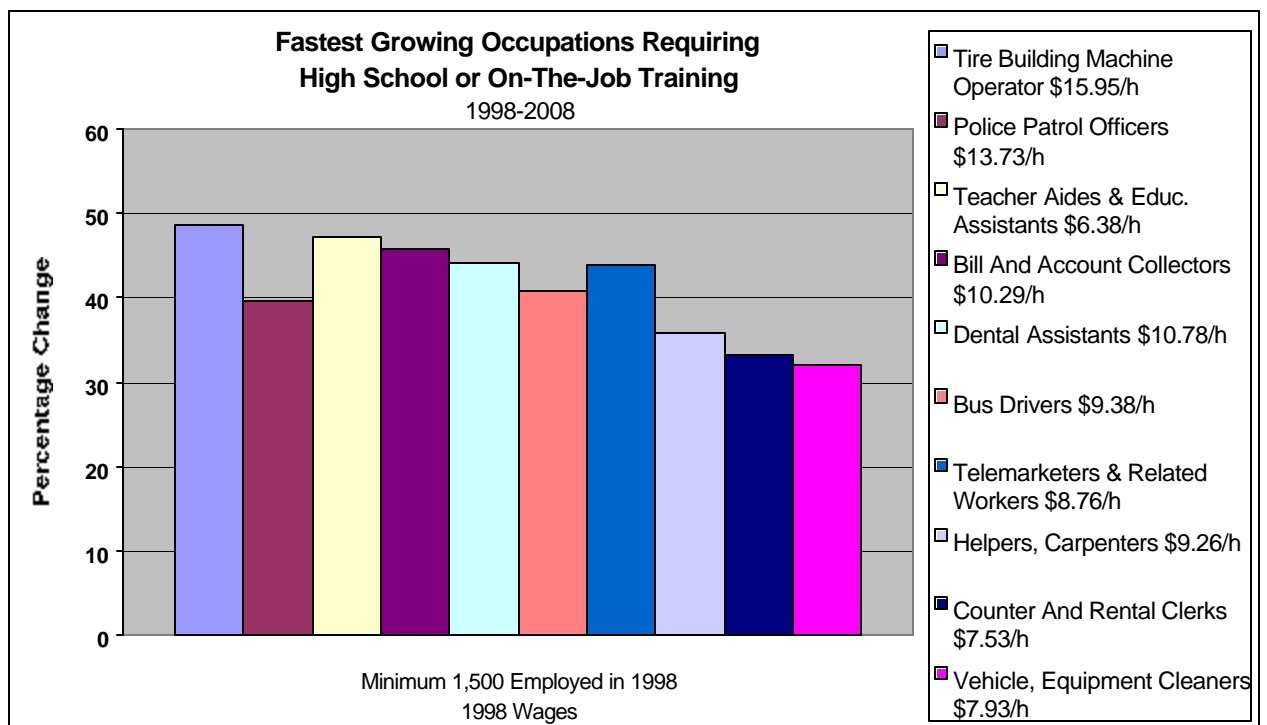
Professional specialties, which is the largest occupational group in Tennessee, is projected to comprise a larger amount of the total working population in Tennessee than is expected nationally. This underscores the need for more highly skilled and educated workers in our state. It is also expected to be the fastest growing group, followed by the service occupations.

Where the Jobs Are

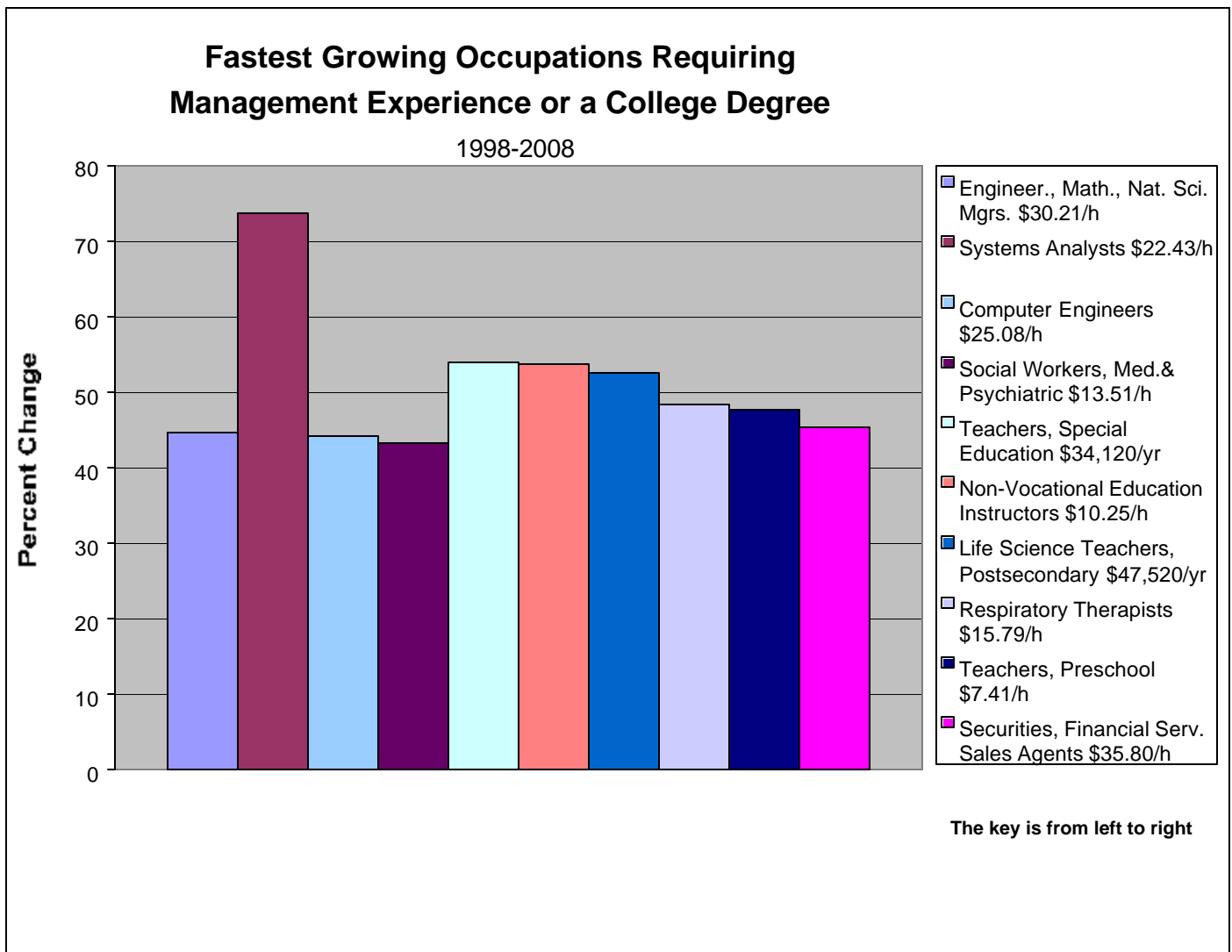




Both keys are from left to right



Where the Jobs Are



Occupations with Employment of at least 1,500 in 1998 -- 1998 Wages

The next three tables contain information on job openings in Tennessee based on education level. Grades are assigned to indicate the potential for employment based on openings, number of trained job seekers, and occupational growth. The grading system used is as follows: A is excellent; B is very good; C is favorable; D is competitive; and U is ungraded because the number of trained job seekers is unknown, no formal training is required, and/or few job openings are expected.

Occupations Requiring Bachelor's or Graduate Degree or Management Experience More Than 130 Annual Openings			
Occupation	Grade	Annual Job Openings	Annual or Hourly Wage
Artists And Commercial Artists	A	188	\$13.86
Computer Programmers	A	338	\$24.62
Construction Managers	A	341	\$20.50
Food Service & Lodging Managers	A	621	\$11.94
Respiratory Therapists	A	156	\$15.79
Social Worker, Med.& Psychiatric	A	274	\$13.51
Social Workers, Ex. Med.& Psych.	A	274	\$12.50
Systems Analysts	A	670	\$22.43
Teachers, Elementary	A	1780	\$32,590*
Teachers, Kindergarten	A	320	\$32,380*
Teachers, Preschool	A	421	\$7.41
Accountants And Auditors	B	631	\$18.57
Administrative Service Managers	B	240	\$21.05
Clergy	B	870	\$17.59
Communication,Transp.,Util.Mgrs	B	168	\$22.94
Engineer., Math., Nat. Sci. Mgr.	B	370	\$30.21
Financial Managers	B	469	\$25.53
General Managers And Top Exec.	B	2681	\$28.03
Loan Officers And Counselors	B	295	\$18.87
Marketing, Adv., Public Rel.mgrs	B	338	\$25.81
Medicine And Health Serv. Mgrs	B	241	\$22.68
Personnel,train.,labor Rel. Spec	B	359	\$17.91
Personnel,training,labor Rel.mgr	B	211	\$22.86
Pharmacists	B	137	\$27.83
Purchasing Managers	B	136	\$20.16
Sales Reps,scientif.prod.exc.ret	B	340	\$22.78
Securities, Financial Serv.sales	B	175	\$35.80
Counselors	C	151	\$14.96
Directors,Religious Activ./educ.	C	236	\$16.20
Education Administrators	C	461	\$24.57
Life Science Teachers	C	131	\$47,520*
Physicians	C	373	\$49.82
Teachers, Special Education	C	288	\$34,120
Electrical & Electronic Engineer	D	156	\$25.41
Lawyers	D	181	\$35.42
Mechanical Engineers	D	169	\$25.52
Registered Nurses	D	1564	\$18.44
Writers And Editors	E	152	\$15.80
Musicians, Instrumental	U	168	\$31,890*
Property & Real Estate Managers	U	180	\$14.61

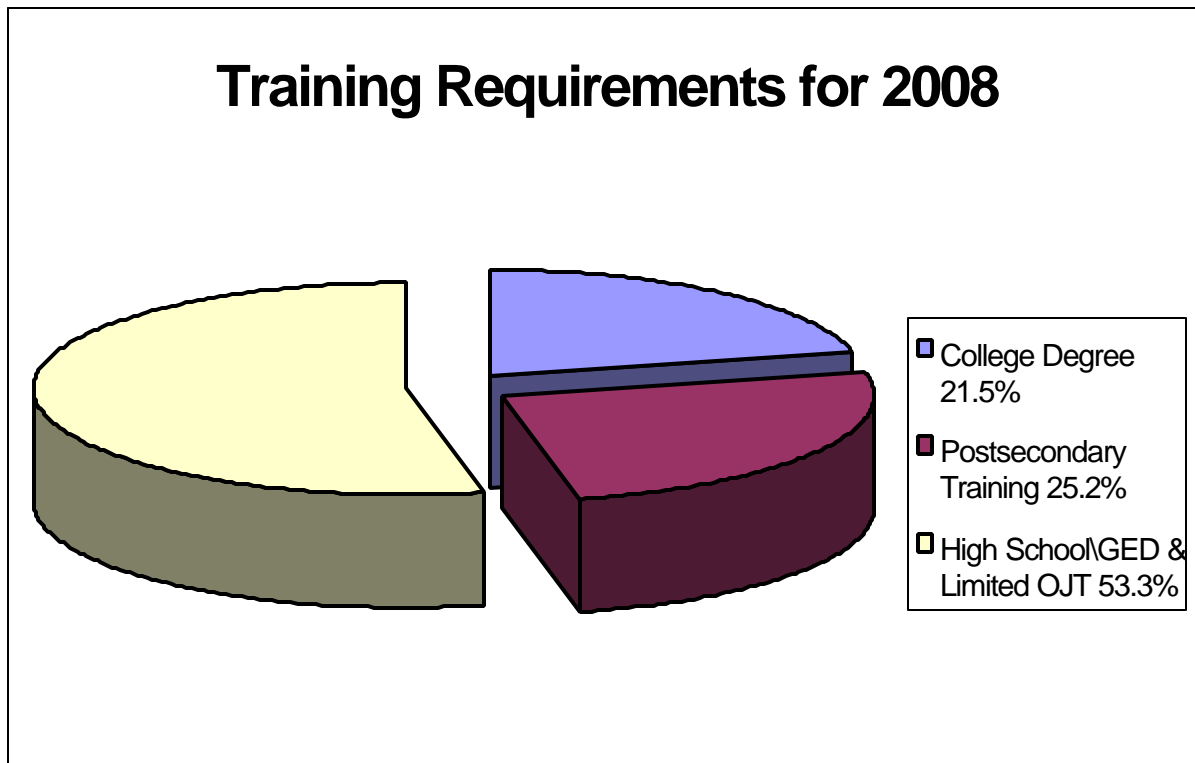
*Annual Salary

Occupations Requiring Postsecondary Training More Than 150 Annual Openings			
Occupations	Grades	Annual Job Openings	Hourly Wages
Bus, Truck, Diesel Eng. Mechanic	A	330	12.65
Carpenters	A	952	12.25
Computer Support Specialists	A	559	17.76
Dental Hygienists	A	164	17.87
Designers, Exc. Interior Design	A	255	12.22
Human Services Workers	A	210	11.09
Painters and Paperhangers	A	380	11.38
Residential Counselors	A	193	8.74
Teachers Aides, Paraprofessional	A	904	7.26
Welders and Cutters	A	373	11.89
Cooks, Restaurant	A	907	7.68
Electricians	A	696	15.00
First Line Superv., Production	A	807	16.11
First Line Supervisors, Clerical	B	1320	14.85
First Line Supervisors, Sales	B	1471	16.07
Industrial Machinery Mechanics	B	381	14.71
Insurance Adjusters\Investigator	B	164	19.98
Insurance Sales Workers	B	185	20.18
Machinists	B	389	14.02
Maintenance Repairers, Gen.Util.	B	903	11.68
Other Sales Reps, Exc. Retail	B	878	19.23
Plumber, Pipefitter, Steamfitter	B	317	14.95
Press, Brake Mach.\Setter/Op.,M/P	B	169	11.61
Production Inspectors, Graders	B	275	10.71
Sales Agents, Business Services	B	321	18.39
Sheet Metal Workers	B	180	12.77
Telephone & Cable TV Instal/Rpr.	B	187	14.06
Emergency Medical Technicians	C	215	10.39
Licensed Practical Nurses	C	744	11.70
Automotive Body,Related Repairer	D	209	15.24
Automotive Mechanics	D	677	13.23
Heating, A/C, Refrig. Mechanics	D	266	13.54
Recreation Workers	D	195	8.44
Electrical & Electronic Techn.	E	200	15.81
Hairdressers and Cosmetologists	E	374	9.05
First Line Superv., Transport.	U	269	16.84
First Line Superv.,const.\extrac.	U	586	18.25
First Line Superv.,helpers,\Laborers	U	227	13.33

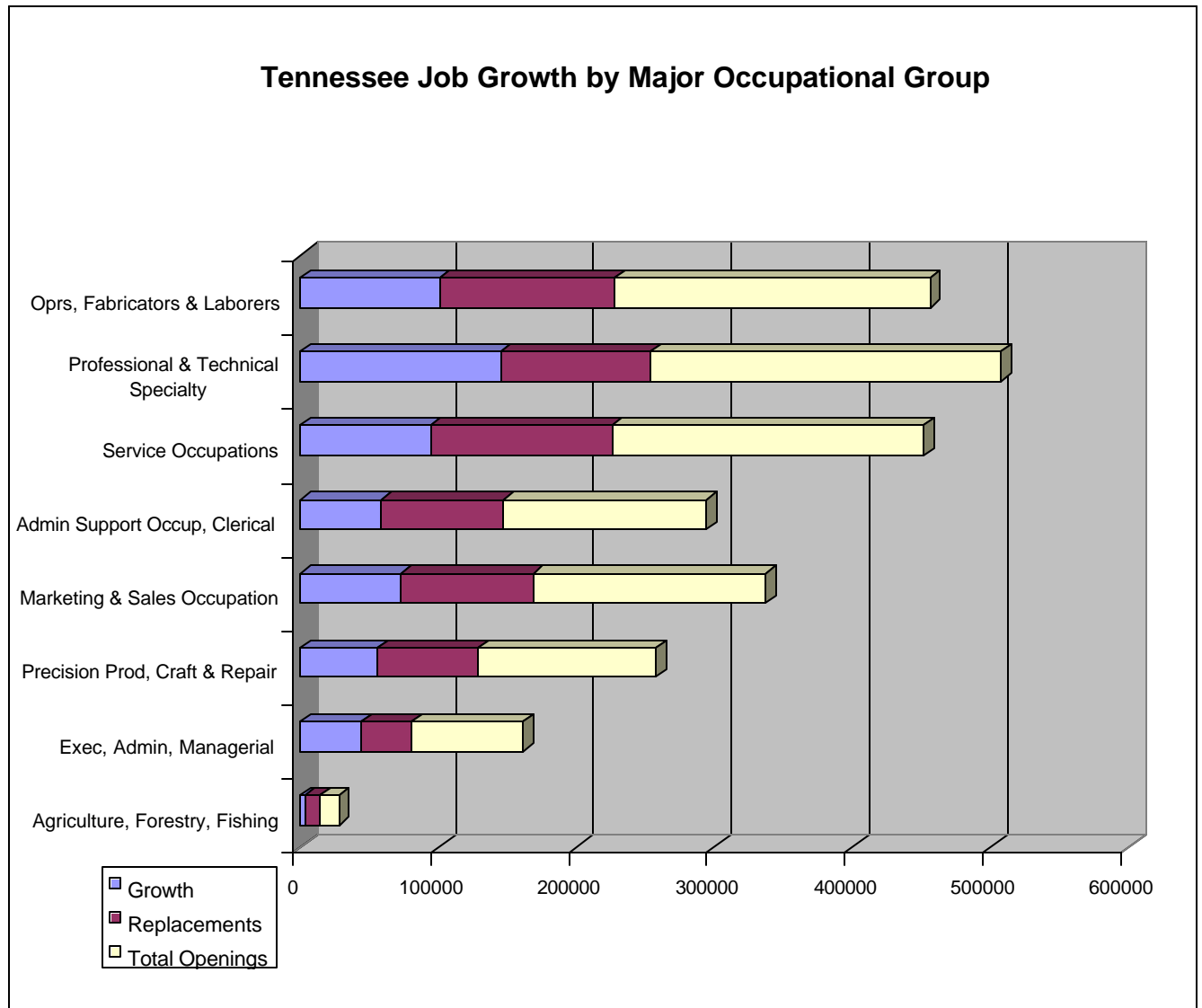
Occupations Requiring Limited On-the-Job Training or a High school Diploma/GED More Than 200 Annual Openings			
Occupations	Grades	Annual Job Openings	Hourly Wages
Bus Drivers	A	250	9.38
Bus Drivers, School	A	343	6.47
Child Care Workers	A	969	6.12
Correction Officers and Jailers	A	385	9.82
Dental Assistants	A	219	10.78
Home Health Aides	A	267	7.57
Nursing Aides and Orderlies	A	1018	7.54
Police Patrol Officers	A	510	13.73
Teacher Aides & Educ. Assistants	A	521	6.83
Truck Drivers, Heavy	A	2257	14.36
Adjustment Clerks	B	403	10.50
Bank Tellers	B	643	7.95
Bartenders	B	238	6.51
Bill and Account Collectors	B	429	10.29
Billing, Cost and Rate Clerks	B	246	10.58
Bookkeeping & Account & Auditing	B	753	10.90
Cooks, Fast Food	B	657	6.17
Cooks, Institution Or Cafeteria	B	416	6.98
Driver/sales Workers	B	266	9.66
General Office Clerks	B	2659	9.58
Machine Forming Operators, M/P	B	407	9.18
Order Clerks: Materials, Service	B	233	9.81
Order Fillers, Sales	B	389	8.61
Plastic Molding, Casting Oper.	B	217	8.81
Receptionists, Information Clerk	B	922	8.64
Salespersons, Parts	B	293	12.08
Salespersons, Retail	B	4727	8.99
Secretaries, Exc. Legal & Med	B	1010	10.61
Stock Clerks:\Stockroom Or Wareh.	B	735	9.11
Traffic, Shipping, & Rec. Clerks	B	521	10.90
Medical Assistants	D	260	9.71
Electrical, Electronic Assembler	U	226	9.97
Hosts & Hostesses: Rest., Lounge	U	291	6.86
Industrial Truck & Tractor Oper.	U	465	11.44
Packaging & Filling Machine Oper	U	420	10.21
Postal Mail Carriers	U	267	16.32
Sewing Mach. Operator, Garment	U	245	7.57
Truck Drivers, Light	U	1242	10.62

Training Requirements

By the year 2008, approximately one in five jobs (21.5%) will require a college degree or management experience. This could be a problem because at present only 16 percent of the total adult population has a college degree. Another 25 percent of all employment will call for postsecondary training of less than four years. The remaining 53 percent of the employment will require high school diploma/GED or limited on-the-job training (less than 12 months).



Job Growth by Major Occupational Group



Ordering Information

To order this publication or an outlook publication for one of the Local Workforce Investment Areas (LWIAs) in the state, fill out the form indicating your selections, name and address and send it to the Occupational Data Unit at the address below.

- ☐ Outlook Brief for Tennessee 1998-2008
- ☐ Outlook Brief for LWIA or county of interest (1998-2008) _____

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